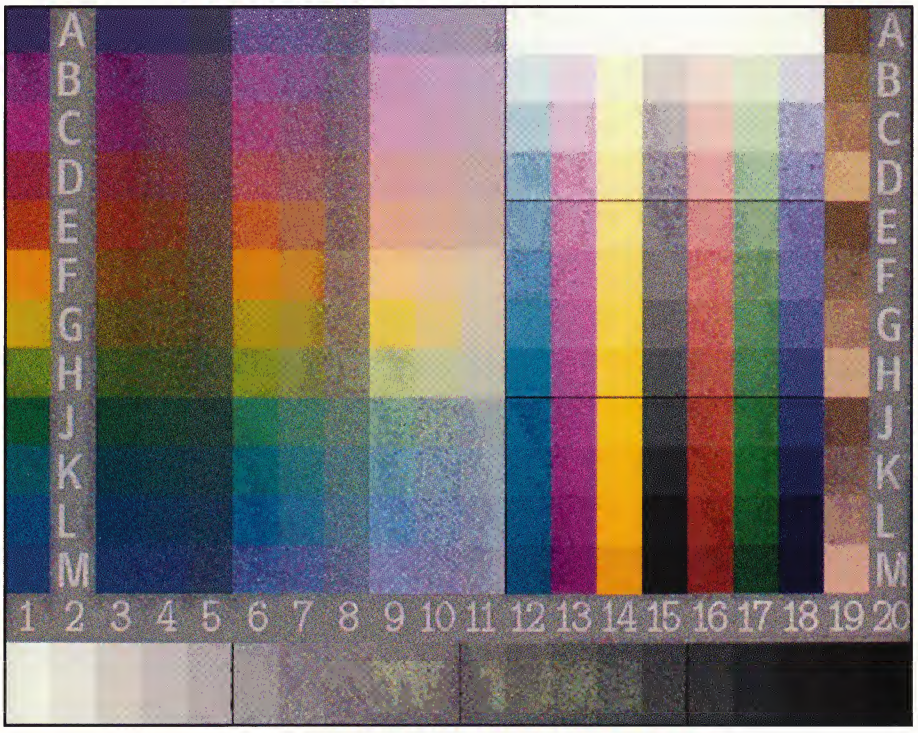
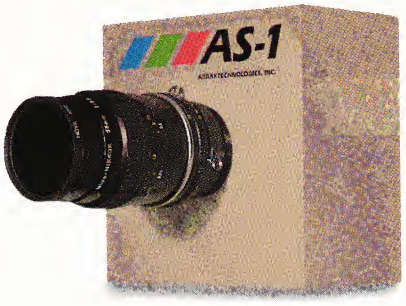
THE COMPLETE SOLUTION...
For All Your Image Scanning Needs



Digital image scanned by ***Array Technologies SPEEDSCANNER*** ™

The NEW *SPEEDSCANNER*™



Digital image of AS-1 camera captured by
ArrayTechnologies SPEEDSCANNER ™

The Single Scanner Solution . . .

A new proprietary technology makes possible...

Tomorrow's Solution Today!

...And at a price you can afford!

Array Technologies provides high quality monochrome and color scanning solutions for graphic arts and design, professional pre-press, digital photography, and image processing applications. All your transmissive and reflective source media can be scanned AND original digital images can be acquired to meet your needs.

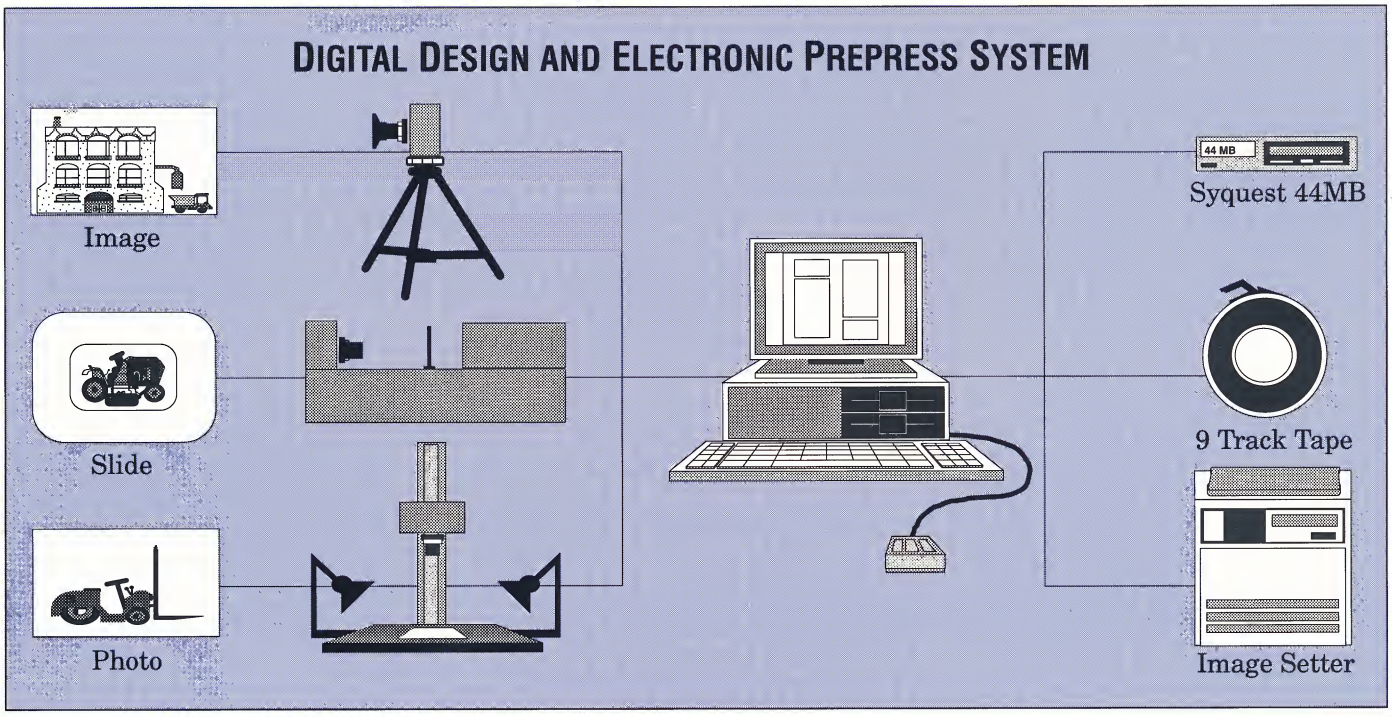
The Speedscanner with SpeedScan software is the world's fastest desktop scanner. Fast previews of focus lighting and image editing changes are provided by Speedview Software.

Professional Quality; the **Speedscanner** has the dynamic range of Ektrachrome film and provides consistent quality color by calibrating scans to CIE color coordinates, including CIELAB. Only **Speedscanners** provide ColorView monitor calibration, which calibrates your monitor to industry standard R,G,B, gamma, and color temperature settings. Color calibration to output devices is provided by our color separation software.

Open Architecture supports design and production applications on personal computers and workstations.

The Speedscanner can be configured to support your application. Your **Speedscanner** comes with complete scanning software and supports a wide variety of industry standard file formats and application software, such as Adobe PhotoShop™, Time Arts Oasis™, and Letraset Color Studio™.

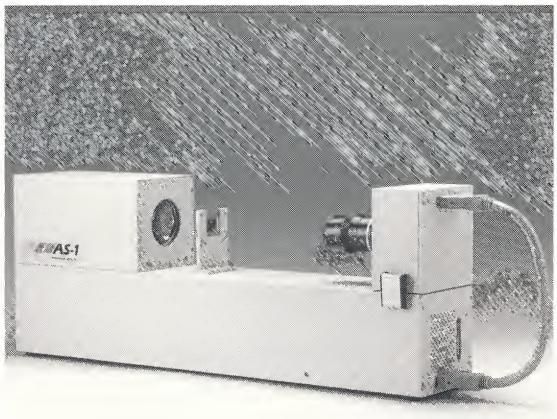
Your future with Array Technologies includes Postscript II support, JPEG data compression, faster scans, higher resolutions, more application software drivers, and more calibrated color output device drivers.



. . . for All Your Image Acquisition Needs

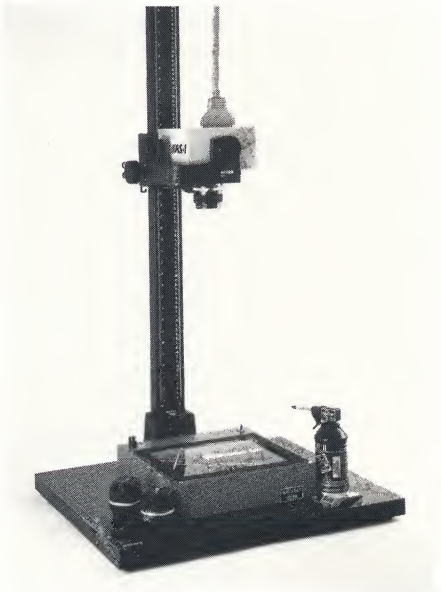
- roughs, comps, proofs, final output
- transmissive and reflective media
- three dimensional objects and still scenes
- professional quality color separations

The SPEEDSCANNER is used as a studio camera, with your choice of lens and lighting, to acquire original digital images for color catalogs, sales and marketing brochures, magazine covers, newspaper color advertisements, CD-ROM archives, and many other applications.



The SPEEDSCANNER scans slides and film, using the dedicated light box and slide holder provided with the scanner. Dedicated film transports and bulk slide holders are easily integrated with your SPEEDSCANNER for your specific application needs.

The SPEEDSCANNER is easily mounted on a copystand for scanning large transparencies and chromes using a light box. Reflective media and three-dimensional objects are scanned with a variety of lenses and lighting set-ups. Volume scanning is supported with dedicated film holders and film transports. Mounting on animation stands, microscopes, etc. is easily achieved.



One SPEEDSCANNER replaces dedicated slide scanners, dedicated film scanners, flatbed scanners, copystand cameras, video cameras, and film loaded cameras in still camera applications.

SPECIFICATIONS: AS-1 SpeedScanner™

FORM FACTOR:	**Electronic camera**; slide scanner, copystand camera, studio still camera
COLOR SPACE:	CIE 1931: Yxy, XYZ, Luv, LAB NTSC: R, G, B Scitex: C, M, Y, K
OPTICAL RESOLUTION:	30 line pairs per mm
LENS:	Micro - Nikkor 55mm standard / Other lenses optional, standard lens mount
IMAGE RESOLUTION:	Software selectable horizontal pixels: 4,096, 2,048, 1,024, 512
PREVIEW SPEED:	SpeedView™: 7 seconds
SCANNING SPEED FULL COLOR:	512 – 48 seconds 1024 – 1 minute 38 seconds 2048 – 4 minutes 46 seconds 4096 – 14 minutes 54 seconds
ASPECT RATIO:	4:3
REGISTRATION:	0.5 mils (1/2000")
DYNAMIC RANGE:	Up to 12 bits / 4,096 intensity levels each of R,G,B, or grayscale
IMAGE CAPTURE SENSOR:	Transverse sense line array of photodiodes – 512^2
DIGITAL SIGNAL PROCESSOR:	AT&T DSP 32C / 3 DSP circuits provide 75 MegaFlops
IMAGE PROCESSING FUNCTIONS:	Black and white level selection; R, G, B and C, M, Y, K color correction; cropping; pan and zoom; unsharp masking; input and output gamma control; gray component replacement, under color removal
SOFTWARE FILE FORMATS:	TIFF 24, 48 / .TGA / .VST / EPS / EPS-OPI DDES / CT2T / Scitex Handshake / PICT II Other software file formats, please inquire
ARRAY TECHNOLOGIES SOFTWARE:	SpeedScan™; ColorView™; Color and Image Editor; Color Separation Software **Application software drivers;** Adobe Photoshop™, Time Arts Oasis™, Letraset Color Studio™, other please inquire Complete library of "C" subroutines to capture, process, and output images Complete software developer's toolkit available, please inquire
HARDWARE INTERFACES:	Raster Image Processor (RIP), GPIB (IEEE-488), Board on 80386 bus

Rev. E All specifications subject to change without notice.

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